

Specifications

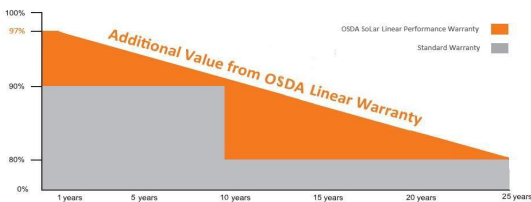
* STC: irradiance 1000 W/m ² , AM 1.5, and cell temperature of 25°C	
Peak Power(P _{max})	410.00
Maximum Power Voltage(V _{mp})	40.56
Maximum Power Current(I _{mp})	10.11
Open Circuit Voltage(V _{oc})	49.69
Short Circuit Current(I _{sc})	10.65
Cells Efficiency(%)	22.60
Module Efficiency(%)	20.37

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

Peak Power(P _{max})	304.00
Maximum Power Voltage(V _{mp})	37.92
Maximum Power Current(I _{mp})	8.02
Open Circuit Voltage(V _{oc})	46.72
Short Circuit Current(I _{sc})	8.50

Maximum System Voltage(V)	1000/1500
Maximum Series Fuse Rating(A)	20
Power Tolerance	0 ~ +3 %
P _{max} Temperature Coefficients(W/°C)	-0.360 %
V _{oc} Temperature Coefficients(V/°C)	-0.289 %
I _{sc} Temperature Coefficients(A/°C)	+0.051 %
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40 ~ +85

Warranty



12
YEARS

Guarantee on product material and workmanship

30
YEARS

Linear Power output warranty



Mechanical characteristics

Cell Type	158.75x79.38 Mono
No. of Cells	144(12x12)
Dimensions	2008*1002*40
Weight	22.80kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP68 3 diodes
Output cables	4mm ² cable 110cm+mc4
MaxWind Load/Snow	2400Pa/5400Pa

Packing list

20FT container	10 Packages / 310 pcs
40HQ container	22 Packages / 748 PCS

Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

IV Cure

